## AMENDMENTS IN THE CLAIMS

Please cancel without predjudice claims 1-83 and add claims 84-128 as indicated below in the listing of claims.

## Listing of Claims

1-83. Cancel.

84. (New) A plurality of composite particles comprising:

a mixture of bentonite and expanded perlite formed into a plurality of homogeneously agglomerated composite particles suitable for use as an animal litter, wherein substantially each homogeneously agglomerated composite particle contains a percentage of bentonite and a percentage of expanded perlite.

- 85. (New) The plurality of composite particles recited in claim 84, further comprising at least one performance-enhancing active.
- 86. (New) The plurality of composite particles recited in claim 85, wherein said performance-enhancing active is activated carbon.
- 87. (New) The plurality of composite particles as recited in claim 85, wherein the individual particle size of the activated carbon is less than 500 µm.
- 88. (New) The plurality of composite particles as recited in claim 85, wherein the individual particle size of the activated carbon is less than 150 µm.
- 89. (New) The plurality of composite particles as recited in claim 85, wherein the individual particle size of the activated carbon ranges from 25-150 µm.
- 90. (New) The plurality of composite particles recited in claim 85, wherein the activated carbon is powdered activated carbon (PAC).

- 91. (New) The plurality of composite particles as recited in claim 85, wherein the activated carbon is present in about 5 weight percent or less.
- 92. (New) The plurality of composite particles as recited in claim 85, wherein the activated carbon is present in about 1 weight percent or less.
- 93. (New) The plurality of composite particles recited in claim 85, wherein the activated carbon is present in about 0.5 weight percent or less.
- 94. (New) The plurality of composite particles recited in claim 85, wherein the activated carbon is present in about 0.3 weight percent or less.
- 95. (New) The plurality of composite particles as recited in claim 84, wherein said homogeneously agglomerated composite particles range in size from 100 µm to 10 mm.
- 96. (New) The plurality of composite particles as recited in claim 84, wherein said homogeneously agglomerated composite particles range in size from 400-1650 µm.
- 97. (New) The plurality of composite particles as recited in claim 84, wherein said homogeneously agglomerated composite particles have a bulk density less than 1.5 g/cc.
- 98. (New) The plurality of composite particles as recited in claim 84, wherein said homogeneously agglomerated composite particles have a bulk density between 0.25-0.85 g/cc.
- 99. (New) The plurality of composite particles as recited in claim 84, wherein said homogeneously agglomerated composite particles have having a bulk density between 0.35-0.5 g/cc.

- 100. (New) The plurality of composite particles recited in claim 84, wherein said homogeneously agglomerated composite particles have a bulk density ranging from 0.27-0.39 g/cc.
- 101. (New) The plurality of composite particles recited in claim 84, wherein said homogeneously agglomerated composite particles have a hydraulic conductivity value of about 0.25 cm/s or less.
- 102. (New) The plurality of composite particles recited in claim 84, wherein said homogeneously agglomerated composite particles exhibit reduced sticking to a container when wetted relative to a non-agglomerated mixture under substantially similar conditions.
- 103. (New) The plurality of composite particles recited in claim 84, wherein the homogeneously agglomerated composite particles have a dusting attrition value of at most about 15% as measured by ASTM method E-728 Standard Test Method for Resistance to Attrition of Granular Carriers and Granular Pesticides.
- 104. (New) The plurality of composite particles recited in claim 84, wherein the homogeneously agglomerated composite particles have a malodor rating below about 15 as determined by a Malodor Sensory Method.
- 105. (New) The plurality of composite particles recited in claim 84, wherein the homogeneously agglomerated composite particles exhibit noticeably less odor after four days from contamination with animal waste as compared to a plurality of generally solid bentonite particles alone under substantially similar conditions.
- 106. (New) The plurality of composite particles recited in claim 84, wherein the homogeneously agglomerated composite particles have a liquid absorbing capability of from about 0.6 to about 2.5 liters of water per kilogram of particles.

107. (New) A plurality of composite particles having improved odor reducing characteristics comprising:

a mixture of bentonite, expanded perlite, and activated carbon formed into a plurality of homogeneously agglomerated composite particles;

wherein pores are formed between the bentonite and expanded perlite such that at least some of the activated carbon positioned towards a center of the homogenously agglomerated composite particle are in fluid or gaseous communication with an outer atmosphere surrounding said particle.

108. (New) A plurality of composite particles having improved clumping characteristics comprising:

a mixture of two absorbent materials selected from the group consisting of bentonite and expanded perlite formed into a plurality of homogeneously agglomerated composite particles, each composite particle having areas of more-water-soluble absorbent material and less-water-soluble absorbent material relative to each other, the areas of more-water-soluble absorbent material being capable of dislodging from the associated composite particle when wetted and becoming entrained between adjacent composite particles, the entrained absorbent material forming a bond between the adjacent composite particles.